

Background Information Review

EPA Region 5 Records Ctr.



261592

Illinois / Paxton Landfill #2

1. Ownership of the site

Owner: Paxton Corporation and American National Bank as Trustee

Operator: Mr. Steve Martell

2. Physical Description

Exact location: Section 24, T37N, R14 E
116th St. and Stony Island Ave.

Size: 58.34 acres

Topography: Site is located in the Chicago Lake Plain, low lying almost level area dotted by swampy areas.

Site Plans: See information enclosed in file.

Photographs: None at present.

3. Nature of materials stored or disposed at site

Type of containers: 55 gallon drums suspected in part.

Type of wastes: Type of wastes disposed at this site included solids, sludges, and suspected liquid wastes.

4. Description of surrounding area

Private residence: In the immediate vicinity of this site, there are no private homes that can be seen from the Lake Calumet, IL IND. Topographic map. The area is generally considered to be highly industrialized. The outlying area, specifically to the north and south-east is highly populated with private homes.

Surface waters: Approx. one half of a mile west of the site is Lake Calumet. To the south also approx. one half of a mile away is the Little Calumet River and to the east the Calumet River is

situated less than a fourth of a mile southeast and a fourth of a mile north, small lakes are seen around this area.

Surrounding land use:

The areas north, east, and west is considered highly industrialized.

The area south of the site is vacant, partially filled land.

Public drinking water wells and intakes:

Unknown at present.

5. Geology and Groundwater

Type of soils:

Unknown at present, but because the area around the site is highly industrialized there is probably very little information available.

Depth of groundwater table:

At a depth of approx. five to ten feet water was encountered. This water is the perched water table in the shallow sand formation located above the clay till to a depth of approx. ten feet below the ground surface. This shallow aquifer has no direct hydraulic connection to the bedrock and there are no intermediate water bearing strata between bedrock and the surface sand formation.

Direction of groundwater flow:

The direction of groundwater movement is expected to be southwest, however the flat topography and slope of the bedrock surface may result in groundwater movement to the east.

Estimates of erosion & runoff:

Unknown at present.

6. Flora and Fauna

Types of flora on site/off site

Types of fauna on site/off site

Presence of endangered species

Indicator species

- Information unknown at present, but can be obtained from the Fish and Wildlife Service.

7. Climatic and Air Resources

Precipitation

Evaporation

Evapotranspiration

Estimated infiltration

Wind patterns & velocities

- Information unknown at present, but can be obtained from the U.S. or local Weather Bureau.

8. Sampling & Chemical Analysis history

Status of state and local involvement.

Monthly to bi-monthly Inspection: IEPA

Daily inspection: City of Chicago, Dept. of Transportation.

Periodic Inspection: Metropolitan Sanitary District of Greater Chicago.

Permits: #1978-10-DE for parcel 1 and 2
#1978-11-DE for parcel 3
Local permit - City of Chicago

Legal Actions: Illinois Pollution Control Board closed by order, Parcel #3 of this site.

Health Departments: Unknown

State and local plans: IEPA, continues to monitor site closely.

9. Known or alleged hazards

Illness clusters: Unknown

Health problems: Unknown

Potential ecological impacts: Contamination of surface water.

Vector hazards: Unknown

10. Medical Support

Information can be obtained when deemed necessary.

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Paxton #2

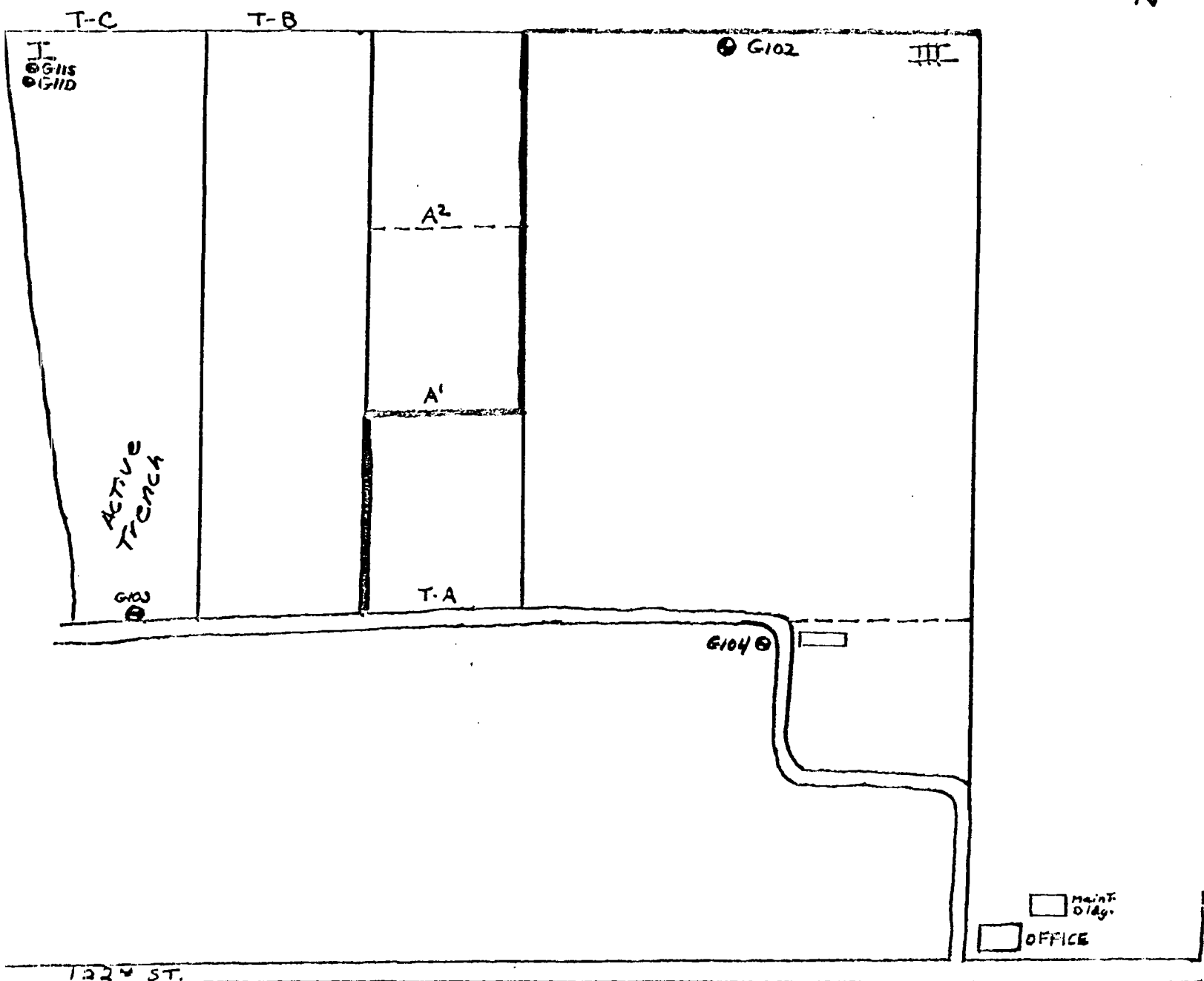
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Monitor Well locations

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